INFORMATION DISCLOSURE STATEMENT PURSUANT TO
37 C.F.R. §§1.97-1.99

PATENT APPLICATION

Applicant(s): Kerim Kalafala *et al.*   Docket No.: END920030067US1

FOR: **AFFINITY-BASED CLUSTERING OF VECTORS FOR PARTITIONING THE COLUMNS OF A MATRIX**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.99, Applicant(s) hereby notifies the U.S. Patent and Trademark Office of the documents listed on the attached Form PTO-1449. Applicant respectfully submits that all pending claims are patentable over the foregoing references, alone or in combination. The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant reserves the right to dispute any of the listed documents as prior art during examination. Further, Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. Furthermore, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist. This Information Disclosure Statement is being filed within three months of the filing date of the captioned patent application, and therefore no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

Respectfully submitted,

Dated: 10/03/2003   By _Jack P. Friedman_
                                     Jack P. Friedman
                                     Reg. No. 44,688

Enclosures: PTO-1449

		ATTY DOCKET NO. END920030067US1		SERIAL NO.		

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Kerim Kalafala et al.

FILING | GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,505,207	1/2003	Aggarwal et al.			
		6,122,628	9/2000	Castelli et al.			
		6,192,505	2/2001	Beer et al.			
		6,484,297	11/2002	Dixit et al.			
		6,418,401	7/2002	Dansky et al.			
		6,543,036	4/2003	Iyer eta l.			
		6,470,344	10/2002	Kothuri et al.			
		6,342,823	1/2002	Dansky et al.			
		5,566,316	10/1996	Fechner et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO

OTHER DOCUMENTS   *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			IBM Technical Disclosure Bulletin, Vol. 19, No. 11, April 1977, RANDOM DELAY SIMULATION, Savkar, pages 4257-4258.
			Jess et al., STATISTICAL TIMING FOR PARAMETRIC YIELD PREDICTION OF DIGITAL INTEGRATED CIRCUITS, DAC 2003, June 2-6, 2003, pages 932-937.

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

F rm PTO-A820
(also form PTO-1449)

P09C/REV03

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Li et al., PROCESS VARIATION DIMENSION REDUCTION BASED ON SVD, 2003 IEEE, pages IV-672-IV-675.

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